

**Amendments to the Claims:**

This listing of the claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1 (Currently Amended). An immunoassay method for the human TNF Binding Protein TBP-II (residues 27-214 of SEQ ID NO:3) in body fluids, comprising:

obtaining a sample of body fluid from a subject;  
incubating the sample ~~measuring the interaction of~~  
~~TBP-II~~ with an antibody to human TBP-II which specifically recognizes and binds said protein; and  
determining the level of human TBP-II in the sample  
by the level of antibody bound to human TBP-II.

2-5 (Cancelled)

6 (Currently amended). A method for the determination of over-production or under-production of TBP-II (residues 27-214 of SEQ ID NO:3) in a subject, using the immunoassay method of claim 1, comprising:

determining the level of TBP-II in the body fluid of a subject by using said immunoassay; and

comparing the level so determined with the normal level of TBP-II in human body fluids of healthy subjects, wherein a level above said normal level indicates over-

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production of TBP-II and a level below said normal level  
indicates under-production of TBP-II.